

CLAIM LISTING

1. (original): A method comprising:
forming a request by a client to access encrypted content, wherein:
the request includes a persistent license for communication to a
licensing server; and
the persistent license includes a key that is encrypted such that the
key is not accessible by the client; and
receiving a license in response to the request, wherein the received license
includes the key that is:
accessible by the client; and
for accessing the encrypted content.
2. (original): A method as described in claim 1, further comprising:
forming an initial request for:
communication to the licensing server; and
storing encrypted content by the client;
receiving the persistent license at the client in response to the initial
request; and
storing the encrypted content and the persistent license by the client.
3. (original): A method as described in claim 1, further comprising:

1 forming an initial request by another client for:
2 communication to the licensing server; and
3 storing encrypted content by the other client;
4 receiving the persistent license at the other client in response to the initial
5 request;
6 storing the encrypted content and the persistent license by the other client;
7 and
8 obtaining the persistent license by the client from the other client.
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11 4. (original): A method as described in claim 1, wherein the received
12 license is a boundary license and the key is a boundary key, and further
13 comprising:
14 decrypting a session license utilizing a client key to obtain a session key;
15 decrypting the boundary license utilizing the session key to obtain the
16 boundary key;
17 decrypting a content license utilizing the boundary key to obtain a content
18 key; and
19 decrypting the encrypted content utilizing the content key.
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22 5. (original): A method as described in claim 4, wherein:
23 the session license includes access rules for the client for a session initiated
24 between the client and the licensing server;
25

1 the boundary license includes access rules for the client for the encrypted
2 content that is within a rights boundary in the encrypted content; and

3 the content license includes access rules for the client for the encrypted
4 content.

5
6 6. (original): A method as described in claim 4, wherein:
7 the persistent license was encrypted using an asymmetric encryption
8 algorithm; and

9
10 the encrypted content, the boundary license, and the content license were
11 encrypted using respective symmetric encryption algorithms.

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13 7. (original): A method as described in claim 1, further comprising:
14 decrypting a session license utilizing a client key to obtain a session key,
15 wherein the session license includes access rules for a session initiated between
16 the client and the licensing server;

17
18 decrypting the received license utilizing the session key to obtain a
19 decrypted boundary license, wherein:

20 the received license is an encrypted boundary license and the key
21 within the boundary license is a boundary key; and

22 the boundary license includes access rules for content within a rights
23 boundary in the encrypted content that is at least one of a television
24 program and a television channel;
25

1 decrypting a content license utilizing the boundary key to obtain a content
2 key, wherein the content license includes access rules for the encrypted content;
3 and

4 decrypting the encrypted content utilizing the content key, wherein the
5 encrypted content includes at least a portion of a television broadcast.
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8 8. (original): A method as described in claim 1, wherein the key is for
9 decrypting the encrypted content.
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11 9. (original): A method as described in claim 1, wherein the encrypted
12 content is streamed to the client.
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14 10. (original): One or more computer-readable media comprising
15 computer-executable instructions that, when executed, perform the method as
16 recited in claim 1.
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19 11. (original): A method comprising:
20 forming a request by a client for communication to a licensing server,
21 wherein the request is for storing encrypted content by the client;

22 receiving a persistent license at the client in response to the request,
23 wherein:
24

25 the persistent license includes a key that is encrypted;

1 the key, when decrypted, provides access to the encrypted content;
2 the key is configured to be decrypted by the licensing server; and
3 the client is not configured to decrypt the key from the persistent
4 license; and
5 storing the persistent license and the encrypted content by the client.
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8 12. (original): A method as described in claim 11, further comprising:
9 forming a subsequent request by the client to access the stored content,
10 wherein the subsequent request:

11 is for communication to the licensing server; and
12 includes the persistent license; and
13 receiving a second license at the client in response to the subsequent
14 request, wherein:

15 the second license includes the key; and
16 the second license is configured to be decrypted by the client such
17 that the client obtains access to the key.
18
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20 13. (original): A method as described in claim 11, further comprising:
21 forming a subsequent request by another client to access the stored content,
22 wherein the subsequent request:

23 is for communication to the licensing server; and
24 includes the persistent license; and
25

1 receiving a second license at the other client in response to the subsequent
2 request, wherein:

3 the second license includes the key; and

4 the second license is configured to be decrypted by the other client
5 such that the other client obtains access to the key.
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7
8 14. (original): A method as described in claim 11, wherein the
9 encrypted content is streamed to the client.
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11 15. (original): A method as described in claim 11, wherein the license
12 includes a certificate for verifying the licensing server by the client.
13

14 16. (original): One or more computer-readable media comprising
15 computer-executable instructions that, when executed, perform the method as
16 recited in claim 11.
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19 17. (original): A method comprising:
20 forming a first request for communication to a licensing server, wherein the
21 first request is for storing encrypted content;

22 receiving a persistent license in response to the request, wherein the
23 persistent license includes a boundary key;
24

25 storing the persistent license and the content;

1 forming a second request to access the encrypted content, wherein the
2 second request includes the persistent license;
3 sending the second request to the licensing server;
4 receiving a boundary license in response to the second request, wherein the
5 boundary license includes the boundary key;
6 decrypting the boundary license using a session key to obtain the boundary
7 key;
8 decrypting a content license using the boundary key to obtain a content key;
9 and
10
11 decrypting the encrypted content using the content key.

12
13 18. (original): A method as described in claim 17, wherein the forming
14 of:
15 the first request is performed by a first client; and
16 the second request is performed by a second client.

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19 19. (original): A method as described in claim 17, wherein the first and
20 second requests are formed by a client.

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22 20. (original): A method as described in claim 17, further comprising at
23 least one of decoding the decrypted content and outputting the decoded content.
24
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1 21. (original): A method as described in claim 17, wherein:
2 the persistent license was encrypted using an asymmetric encryption
3 algorithm; and
4 the content, the boundary license, and the content license were encrypted
5 using respective symmetric encryption algorithms.
6

7 22. (original): One or more computer-readable media comprising
8 computer-executable instructions that, when executed, perform the method as
9 recited in claim 17.
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11 23. (original): A client comprising:
12

13 a processor; and
14

15 memory configured to maintain:
16

17 a persistent license including a key that is encrypted; and
18

19 a playback application that is executable on the processor to:
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21 form a request to access encrypted content, wherein the
22 request:
23

24 is for communication to a licensing server; and
25

includes the persistent license;

receive a response to the request that includes the key; and

access the encrypted content utilizing the key.

1 24. (original): A client as described in claim 23, wherein the key is for
2 decrypting the encrypted content.

3
4 25. (original): A client as described in claim 23, wherein:
5 the memory is further configured to maintain a content license;
6 the key included in the persistent license is for decrypting the content
7 license;
8 the content license includes a content key; and
9 the content key is for decrypting the encrypted content.
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12 26. (original): A client as described in claim 23, wherein:
13 the memory is further configured to maintain a content license;
14 the key included in the persistent license is for decrypting the content
15 license;
16 the content license includes a content key;
17 the content key is for decrypting the encrypted content; and
18 the playback application is executable to:
19 decrypt the content license using the key to obtain the content key;
20 and
21 decrypt the content using the content key.
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25 27. (original): A client as described in claim 23, wherein:

1 the memory is further configured to maintain a session license, a content
2 license, and a client key;
3 the client key is for decrypting the session license;
4 the session license includes a session key for decrypting the response;
5 the response is a boundary license;
6 the key included in the response is a boundary key for decrypting the
7 content license;
8 the content license includes a content key; and
9 the content key is for decrypting the encrypted content.
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12 28. (original): A client as described in claim 23, wherein:

13 the memory is further configured to maintain a session license, a content
14 license, and a client key;
15 the client key is for decrypting the session license;
16 the session license includes a session key for decrypting the response;
17 the response is a boundary license;
18 the key included in the response is a boundary key for decrypting the
19 content license;
20 the content license includes a content key;
21 the content key is for decrypting the encrypted content; and
22 the playback application is executable to:
23
24 decrypt the session license using the client key to obtain the session
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key;

decrypt the boundary license using the session key to obtain the boundary key;

decrypt the content license using the boundary key to obtain the content key; and

decrypt the content using the content key.

29. (original): A client as described in claim 23, wherein the playback application is further executable to:

form an initial request for:

communication to the licensing server; and

storing encrypted content by the playback application;

receive the persistent license in response to the initial request; and

store the encrypted content and the persistent license.

30. (original): A client as described in claim 23, wherein the playback application is further executable to form a request to obtain the encrypted content from another client.

31. (original): A client as described in claim 23, further comprising a tuner configured to receive the encrypted content when streamed over a network.

1 32. (original): A client as described in claim 23, wherein the license
2 includes a certificate for verifying the licensing server.

3
4 33. (original): A system comprising:

5 a network;

6 a client including:

7 a persistent license having a key that is encrypted; and

8 a playback application that is executable to:

9 form a request to access encrypted content, wherein the
10 request includes the persistent license;

11 receive a response to the request that includes the key; and

12 access the encrypted content utilizing the key; and

13 a licensing server including a licensing module that is executable to:

14 receive the request including the persistent license;

15 decrypt the persistent license to obtain the key; and

16 form the response that includes the key for communication to the
17 client over the network.
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21 34. (original): A system as described in claim 33, wherein:

22 the client includes a content license;

23 the key included in the persistent license is for decrypting the content
24 license;
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1 the content license includes a content key; and
2 the content key is for decrypting the encrypted content.

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4 35. (original): A system as described in claim 33, wherein:
5 the client includes a content license;
6 the key included in the persistent license is for decrypting the content
7 license;
8 the content license includes a content key;
9 the content key is for decrypting the encrypted content; and
10 the playback application is executable to:
11 decrypt the content license utilizing the key to obtain the content
12 key; and
13 decrypt the content utilizing the content key.
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17 36. (original): A system as described in claim 33, wherein:
18 the client includes a session license, a content license, and a client key;
19 the client key is for decrypting the session license;
20 the session license includes a session key for decrypting the response;
21 the response is a boundary license;
22 the key included in the response is a boundary key for decrypting the
23 content license;
24 the content license includes a content key; and
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1 the content key is for decrypting the encrypted content.
2

3 37. (original): A system as described in claim 33, wherein:

4 the client includes a session license, a content license, and a client key;

5 the client key is for decrypting the session license;

6 the session license includes a session key for decrypting the response;

7 the response is a boundary license;

8 the key included in the response is a boundary key for decrypting the
9 content license;
10

11 the content license includes a content key;

12 the content key is for decrypting the encrypted content; and

13 the playback application is executable to:

14 decrypt the session license utilizing the client key to obtain the
15 boundary key;

16 decrypt the boundary license utilizing the session key to obtain the
17 boundary key;
18

19 decrypt the content license utilizing the boundary key to obtain the
20 content key;

21 decrypt the content utilizing the content key; and
22 play the decrypted content.
23

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25 38. (original): A system as described in claim 33, wherein the key is for

1 decrypting the encrypted content.
2

3 39. (original): A system as described in claim 33, wherein the persistent
4 license is encrypted with an asymmetric encryption algorithm and the server
5 includes a server private key for decrypting the persistent license.
6

7 40. (original): A system as described in claim 33, wherein the playback
8 application is further executable to:
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10 form an initial request for:

11 communication to the licensing server; and

12 storing encrypted content by the playback application;

13 receive the persistent license in response to the initial request; and

14 store the encrypted content and the persistent license.
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16 41. (original): A system as described in claim 33, wherein the playback
17 application is further executable to form a request to obtain the encrypted content
18 from another client.
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20 42. (original): A system as described in claim 33, wherein the encrypted
21 content is streamed to the client over the network.
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